

In the Claims

1 – 36 (Cancelled)

37. (New) A percutaneous guidance catheter system, comprising:
an elongate member having a proximal end, a distal end and a first lumen
therebetween;
an expandable filter having a proximal edge attached to the elongate member and
a distal edge extending distal of the distal end of the elongate member; and
a therapeutic catheter at least partially disposed in the first lumen of the elongate
member.

38. (New) The system of claim 37, wherein the therapeutic catheter is an
ablation device.

39. (New) The system of claim 38, wherein the ablation device is configured
to ablate ectopic foci.

40. (New) The system of claim 38, wherein the ablation device comprises a
thermal ablation device.

41. (New) The system of claim 38, wherein the ablation device comprises a
laser ablation device.

42. (New) The system of claim 38, wherein the ablation device comprises a microwave ablation device.

43. (New) The system of claim 38, wherein the ablation device comprises a cryogenic ablation device.

44. (New) The system of claim 37, wherein the elongate member further comprises a second lumen extending from the distal end.

45. (New) The system of claim 44, wherein the second lumen is an aspiration lumen.

46. (New) The system of claim 37, wherein the filter surrounds the therapeutic catheter.

47. (New) A method of treatment, comprising the steps of:
providing a percutaneous guidance catheter system having a elongate member having a proximal end, a distal end and a lumen therebetween, an expandable filter disposed on the elongate member having a distal edge distal the distal end of the elongate member, and a therapeutic catheter at least partially disposed in the lumen of the elongate member;

inserting the catheter system into a vessel;

positioning the filter near a region of interest;
expanding the filter; and
using the therapeutic catheter on the region of interest.

48. (New) The method of claim 47, wherein the step of expanding the filter includes the step of sealing the filter against a wall of the vessel.

49. (New) The method of claim 47, wherein the region of interest is an ectopic foci and the step of using the therapeutic catheter includes the step of ablating the ectopic foci.

50. (New) The method of claim 49, further comprising the step of capturing necrosed tissue particles generated during the step of ablating the ectopic foci.

51. (New) The method of claim 50, wherein the step of providing a percutaneous guidance catheter system includes the step of providing an aspiration system with an operable end proximate the end of the elongate member, and further comprising the step of aspirating the necrosed tissue particles.

52. (New) The method of claim 51, wherein the aspiration system includes a second lumen in the elongate member.

53. (New) The method of claim 47, further comprising the step of positioning the therapeutic catheter.

54. (New) The method of claim 53, wherein the step of position the therapeutic catheter is separate from the step of positioning the filter.

55. (New) The method of claim 54, wherein the step of positioning the therapeutic catheter is subsequent to the step of expanding the filter.

Respectfully submitted,

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Date:

Nov. 19, 2003

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